



**Bjørn Høyheim** is a senior scientist at the Norwegian University of Life Sciences (NMBU), Faculty of Veterinary Medicine, Department of Basic Sciences and Aquatic Medicine, Section for Genetics. He became an associate professor in 1994. He has 38 years' experience in gene mapping and has long experience in genetics and genomics of humans and animals (porcine and salmonids). He was project leader of the Norwegian Salmon Genome Project.

Høyheim has been a member of ISAG since 1994 and has been a member of several standing committees through the years. He was the chair of the Committee for the Genetics and Genomics of Aquaculture Species and organized their workshops for three ISAG conferences, from 2012 to 2016. He initiated that the committee be accepted as an ISAG standing committee.

Høyheim was educated in genetics at the University of Oslo and has worked at the Norwegian Radium Hospital, the pharmaceutical company Apothekernes Laboratorium AS, the National Hospital, the Norwegian School of Veterinary Science, and the Norwegian University of Life Sciences. He has been a visiting scientist at Oxford University (Oxford, UK), the Howard Hughes Medical Institute (Salt Lake City, UT), and the Institute of Medical Genetics (Helsinki, Finland).

His present focus is on salmonid genetics and genomics, with particular interest in how genes are regulated after infection. He has been an author or co-author of over 85 papers in peer-reviewed journals. Høyheim has extensive experience as project manager, coordinator, or partner for a large number of national and international (10 EU, 2 Nordic, 3 Nordic-Baltic) collaborative projects on human, porcine, and salmonid genetics and genomics. Nationally he has been the principal investigator of 15 projects, with over €30 million in external competitive grant funding, and a partner in another 17 projects. International projects include PiGMAP, SALMAP (coordinator), SALGENE (WP manager), EADGENE (WP manager), MASSES, Marine Genomics, Canadian GRASP, and more.

He has teaching experience in genetics and genomics, cell biology, biochemistry, and fish breeding for undergraduate, graduate, and PhD students in veterinary medicine and biology. He also teaches courses in ethics for PhD students. He has supervised a number of PhD students in biology, human medicine, and veterinary medicine and has served as external examiner or opponent for 16 PhD students internationally. The veterinary education system in Norway is currently being revised, and Høyheim is responsible for revising the first-year curriculum.

Høyheim has been a member of several international evaluation and review panels, reviewing international research institutions and research proposals in Denmark, the UK, France, the United States, Canada, Spain, Estonia, Chile, Poland, and Germany. He has also been an advisor or consultant for international investment banks regarding investments in biotechnology.